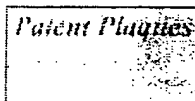




IPN Home | Search | Order | Shopping Cart | Login | Site Map | Help



JP11223726A2: FILTER FOR FLUORESCENCE AND FLUORESCENT OBSERVATION ENDOSCOPE DEVICE


[View Images \(1 pages\)](#) | [View INPADOC only](#)

Country: **JP** Japan
 Kind:
 Inventor(s): **FURUSAWA KOICHI**
 Applicant(s): **ASAHI OPTICAL CO LTD**
 News, Profiles, Stocks and More about this company
 Issued/Filed Dates: **Aug. 17, 1999 / Oct. 26, 1998**
 Application Number: **JP1998000304467**
 IPC Class: **G02B 5/28; A61B 1/00; G02B 5/20; G02B 23/26;**
 Priority Number (s): **Oct. 28, 1997 JP1997000296008**
 Abstract:

Problem to be solved: To further properly judge the normality/abnormality of an organism by obtaining a fluorescent observation image with high contrast between the normal site of the organism and the abnormal site of the organism.

Solution: Relating to this device, a filter for fluorescence transmits a light in a wavelength area from 460 nm-560 nm with transmissivity of $\geq 50\%$, transmits a light with wavelength of ≤ 480 nm and a light with wavelength of ≥ 570 nm with transmissivity of $\leq 0.1\%$, and the half value width of transmissivity is 70 nm. Thus, the fluorescent observation image of an organism constituted of private fluorescent components in a band where a difference between the fluorescent intensity of the normal site of the organism and the fluorescent intensity of the abnormal site of the organism is relatively large is obtained. Relating to this fluorescent observation image, contrast between the normal site of the organism and the abnormal site of the organism becomes higher than a conventional manner.

COPYRIGHT: (C)1999,JPO

Family:  Show 3 known family members

Other Abstract Info: DERABS G1999-278988

BEST AVAILABLE COPY